Inaugueat Difsertation boo Proximate bause of

Febrilo Reaction .

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Sauvages.

By Schutchell asmitted Man 4 long

new appl a di intere in itself . action, con In v intern with and . popular i collicting wont pe the Nature the Vis me election of cin of a belet of n

Part First.

From the earliest periad of medical record, new appear to have been attraded by the position and interesting phenomena of animae life. They saw, as they supposed, a self-moving machine, and sought in itself a satution of the question concerning its nalund. The earliest notions therefore of animal life 4, action , consisted in the belief , that it is derived from Some internal moving) principle capable of exertion without external impulse . - Once established, this popular apinion maintained an ascendancy, amidst to affecting systems and theories, down to a very recent period. The To evoquior of Rippo crates, the Nature of Sydenham; the Archaus of Van Milmont, the Sis medicatrin Natura of Saubius; the Anima electica of Stahl, & Nichole, and the Impeters Facieus of Hanne Boorhaane; sufficiently altest the wellef, of these writers that the animal machine is self-

do chin - William I'v the mor 1 me perish vacration 6 us, and a At is not this for the his wondered at that this therein of the origins and nature of febrics diseases, a funded this opinion as their basis, and funded upon it this superstructures. The workings of take Hift can, Beechaaw? Entless, attention the principal phinemens of diseases to this my their is power, and draw from it an elecatation of this respection therein.

at the three four front works of favory ", have, saw here son, here conserved to progethe have; and so, the surancies expositions of febrite action statemed from the doction of an internal morning principles, that of Milliam hullen alone emmens; and it also, hull for the more weeks the converse of its author; and have for the more weeks the case.

Do butten's Theory.

In men new better calculated to establish an investion than De letter - Leaened, laborine, year leve, and showing ushed for

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the originality of his conceptions, and for the parien and addition addition to their discounts. In addition to the third, his work with the cond of the product with the world, when he tayed an opportunity of which thing his openious to move a nearly in copy the influence of separations of openious of separations of openious to make the presence. In well we the influence of separations of openious the water of the third openious the water of the third openious the water of the third openious the water of the continuous the water of the water of the water of the product of the water of the product of the water of the water of the product of the water of the water of the product of the water of the water of the product of the water of the

The abbration thing is too mile known to acquire about the act of the star and the facilities of the accept of the brains, by much the call stage of fear is indicated. I suppose that the call stage of fear is indicated to suppose that the left and action of the continuation causes a farmadie continuation of the calcination of a partial action of the calcination of partial action of the calcination of a partial action to over once that sparse, for the purpose of actoring to the system its equilibrium

This very current view of a theory, which they be its formerly above with the mast imposing accompanionant, is sufficient to prove that not one single steps in

the whole for a their - The of in exist i du dity of sup due secretor cu'ation caux the uld he at proious la the tack of Jemous theor con schools Spirit of in to repose the (minds a tow, and the a touishmens wion the us the whole proceps of exasering, is taken without an hyperbein. — The intersections of the opinion that story and experse or the same time; the same experse at the same time; the same produces execting action, and that the active expenses of the state of execting the brain culation carried by a mant of energy in the brain products in obviously by the bis medication materials processes by the six medication materials.

Admithstanding the patember absencedity of this jamen the last in the stay and air medically as this day, and air page pricing parties in the highest medical takes to the stay and air medical takes to the stay and air the parties of the general medical takes and the stay of this application, characteristic of this application, the and musting above its received the and on the other the air semples of expering system, the minds of men to animalist by the surrest of externation, as at the fetter of authority, paged in decentificant who have the have most presented to their major who will be accepted the ment of another tay, and who will a second menus presented to their major.

founded up moing for and whow a claved to a tag other, drominated which stine as the of elector ding

Dr Drown's Sheory.

The thirty of Dr. Breum conclutes as non man can medical speculation. - Outsians to his times, as before absenced, all therein of proximate cause moves founded upon the imposed paristence of an internal moving principles but the way feels stope of Brown was upon this long a chanded gent pount which he delaned to be equally absend gent principle by continuous about this long a chance of principle for continuous the visition of an internal moving principle was continued that the visit is a Brown Mathematical that of peratural transmission of peratural the continuous that the visit is a Brown that the visit is a summan moving form the aperation of peratural that the power or condition of animal life, once which that power or condition of animal life, once which their facult their influences, taxistatility,

and the effect of that influences excelement, and executing las the quantity of excitabelity, and the pensor of the etimetic, but employees, the energy,

comed de property, and or e deal apy a atemour w; that is in with is pradu latter die te to and the excita tack ather With. a lite, mes of action; afecting, that the total absence of either, must receparily produce that change which is torned death. . report the whole, he contendo that property, recident in every living hady, whether and muel or negetable; two inhase aperation the ear Stant application of stimuli is necessary; which exalement tende constantly to exhaust; & which accumulates in consequence of the absence of thinule; that the condition of the system or function is, in either case, delititates; and that the delitity is praduced, in the former case indirectly in the latter directly. _ Between the time extremes of dinot and indirect delitity, there is one point at which the excelability and stimule are so proportioned to tack ather as to constitute the condition called health. Ale other proportions, beyond a certain limit, were supposed to constitute the condition

called de rithelan to theory wagand which, a Go same 4 per cepte 4 mulus h the er organ Soular to called disease. _

"Practical way, in all cases, recalled to an accommendation of excitability during the absence or diminution of the habitual stimulis.

This is a very anchot section of that abbrated theory, under which, the dastrines connected with an internal self-meticomhain gradualty such not mithetanding the important support which they denied from the talute and station of Guillen.

Wat in epites of its wholevily & simple vely, the throng of Mount in habits to many talied objections. The author has committed a great war; in segand to what he colled discoil dehility; in which, as ably shown by Milson, in his spay upon the same subject, an account lation of instability is purceptible, only in that organ from which its weeter thousand a best organise which there organs were substitutely affected, while there organs wearantaily affected, while the condition that that which while they appears in cases of indicate they appears in cases of indicate

blisty . It for Marto se 4 also falls o the ather ailling Og. club total dand the while the parter, is a - Action of i wider the s Simulio, ca

delitity. A fallance therefore, that make there as dere are the produced by cahacestion or abstraction, the condition of partie recandarily affected in that of exhaustion. It also follows that acaction can be as little the result of accumulation of excitability, in the one case as in the other; because bath are alike preduction of an exhausted or diminished initatilety in the heart and arteries, which can be but seldow, if ever, the primary seat of febrile diseases. Besides, ad milling Obrawns nations of indirect & direct dehility, I ful talatty at alap, upon his principles, to under dand the made in which an accumulation of unitability can take place, in the heart & repele, while the blead, the natural stimules of these parto, is always present . As instance of accumu - lation of irritativity, in other parts of the system, while under the aperation of the wontest power of accustomer stimuli, can be pointed aut; for a councilation of

the wester low brained care of no ignorall ag moon has ; which he late place into luca ! an nal; in in the for me o exhas cuitability in the effects of their observer of dimensitive, that whichever are me becaut the admit in their testing flows in the heart, while the blood in these, and down methants or fielder person. — In another every tradering of the traderinal late both for another explanation of the traderinal late of its fire another applications are yet ignorants of the agents of the seguence of the agents of their seagular phononeurs.

- Wilsons Theory . -

Susible of these dote ate in the theory of Brown, When has endunement to substitute another, in which he professes have anxide a inconsecution, and to have believe explained, the obunges, which take place during four.

the durities the animal machine into line great clapse of functions - the citat of animal; including than, commenty cated national, in this former experien. - No deares that the new schauttion or fatigue of this animal function

tas produce tion of diso. is manions ine pient. Hita _ The win to of u rorgine, no mertaling, aught la MM a 20000 eastow, as can produce disease; but cots that and this production of diseases an along. It seem as this along to common eating devolve the third functions, this incipact symptems of fabrics diseased a repeace for the - have in now no agent left to repaire this waster of seigence. This associating pounds seatistic the nitrate functions, is diseif impaired. Mores, the nitrate stimulation of the blood is in copacion of welling the actions tinganes of actional actions, and no way is left; of eastering the town of the system, but by the application of a pertonatural

This protoconternal eliminant, je the junaacidathe consequence of their debility. "The secretory vorgane, no longer per forming their functions, theomer ceritating, and maximus poots of the blood, which right has bee coopeled from the body, and astrined, and some a city that beautiff bloods adjusted to an excitor, as premerful as Mer harthy offer more in

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If the reaction over come the dehitity, secretion, and consequent climination of the affending matter, ensus, and restore hearth to the functions. - But if not, must soon exhaust them; and, no means of excitement being left, death must finally ensue. -

The same effects may be produced by the absorption of any noxicus matter into the circulation; or by the interruption of the executory aperations for a

certain time. _

the nation , that by the interruption of secretion , the blood becomes more noxicus, and irritating; a position of which we have no manner of proof He also talke of secretion, as if it were abedient to the ris a tingo, and submitted to me chain cal Simulation: whereas, the labours of Bickat and Thinter , have sufficiently established the in dependent action af the arterial capillaries. - There is

wather 4 hart and e coording y viritaliis Leav stine charily I Upon with all. you afree e planati The 1 hat of This aus chat. _ c another preminent objection to this theory, inasmuch as it saw act replain the made in which the header raw activities examine their activities where between the surfaces they have lett a portion of vicilality, and when he applies his portionalized which have been their must never surfaces the portion of vicilality, and when he applies his portional trees should not a further achaection much never specially take place.

Upon the whate therefore, the theory of britern, with all its apparent place thirty is face the apparent place thirty is face about apparent.

explanation of febrile phenomena. -

Clutterbuckie Theory.

The last theory, of which I share take natice, is

that of bleetterbuch.

This author refers to febrite diseases to artificate inflammation of the encephalon, as their primary that ... This arguments are summarily the fellowing

1. The animal m liow, and mich deper with every Mally and profer fence 29 How witat lio, are no briw, and Уприания а and ovicul on tale , affe is not take for in man acrice con du o uncho 39 % inequels The them to Merach has

- It The animal functions, to mit, sensation and unlindery metion, and likewise the permers of the mints all of which dispends immediately upon the broam, and vary mits were universely described in severy case of best and greatly descripted in course of profer four.
- I The rest of functiones, to mil, respiration of moutantion, and and therefore much life had it to report brains, and and therefore much life had it to report the decreases devangement. The state of expiration and accustation is therefore never stang some immenned to affects. Associately promounty sout of four is not to be found; the government search suffering for and many cases of the disease, the heart and actions continued their functions in a governmentdum times hanges.
- I The inequality of the action of the natural function . Show them to he secondarily affected The state of the standard have been affected by the state of the standard has been affected as a cause of fever, but

10 affection to the in and its few , W Homac " " me is me virain, while generales i of the brain we prima in the fur " 'MO." 1) The aller nalagy le -cemblaneo in fourth is affection of the eternach per se , continue consistent the live immediator courses of apoplacy or policy that their accommentator consistent of apoplacy or policy and the third accommentation that they functioned the standard the functions of the eternacia are commentally directived in functions of the eternacia are commentally directived in functions of the eternacia are superiority time of the functions of the income to the principal states of the brain therefore many as metal or experient that the functions of the steelers and the functions of the steelers are according that the functions of the steelers of the functions of the steelers, and this, I have no doubt; in advantage the case.

4) The atternation of fener with inflammation; this analogy between fener and in flammation, in acquest to this cure (and proving to repetitive, and the cambilance between fever and placewitin, constitute his feverth, argument.

5, And h tions of new of co upor lab ta irain, we arprepion inten , as Sependen arrigh ,

5) And his fifth is desired from the demonstra-

here I to admit the truth of all these argumente, still they manded he insufficient to proud that the brain is always the primary seat of fener. - Its remote and inacceptable Estuations shields it from the aperations. I immediate influ ence of most of the morbific agents. They can act upon it andy through some medium, which medium must, shietly speaking, he called the primary seal. It is natural to suppose that so delicate and important an organ as the brain, will be frequently a participator in the imprepiones which external agencies fling over the duten, and that its quater madelely with lever related in the inregular action of its musible dependencies . - But even from the author himself, enough may be gathered to show, that the stomach

with the rate m Eathy b do exten a wide of phenew as attension de

acto an important part in mast febrile affections; and his own reasonings render it a competitor with the brain for disease-praducing ascendancy The state of the brain in a great many febrile diseases especially hectio; the experiments of Do nate mours & Lo Fallais; this slight dependence of the exculatory organs upon the brain; the rising importance of the spinar marrow in mes. dical estimation; and the clase & immediate sym party between the Homach & circulatory organs; are pawerful reasons for rejecting the theory of Chitterbuck, and for supposing that, although the brain may be sometimes an active agent in the extension of desorder, it is but and part of a wide system of sensibility liable talk haneful in. fluence of moraific impression, and of which, almost all its departments, are filled for impose a more or less extensine disorder upon the fabric to which they belong.

by the is

Part Second. . Tame attempt at a hitter Thiory of Reaction.

Assing their energity renewed the most present system of species and showing found the most made increase of fibrilis discusses, and showing found them of more modeling as the host person to offer a sum thereof white the miles of believe, a covered hitter with these phenomena them any heteritoring election of any acts, this theory will describe the more installing the any he demand it should be any practical covere; but, and the ather heads he described to appoint the the ather hand miles he found to appoint of that fraction which is given ally a stapled by the mast melogible of more after professions.

bungula

Its the laws which gavern the animal fune tions, and uniform and universal, these functions wile he regularly performed while the circumstances, under which they commenced their operation, continue unacherod. There is not therefore any reason for supposing, that , in a system of such perfect harmony, any spow tamour disorders are likely to be produced. But heyand this aircles of functions, held in subject lion by and all persading principles, ments, and ac lone , and under an influence, which does not harmo mige with the auting principles of animal life. The laws of chemistry, and me chanies, are man about apociated with each other, or with the land of sitality. Nence the aperations of each archaeca Sionally interrupted, or modified by the power of the athers; hence external influences was over interfering with internal order, and the animal conony is disturbed by the inroads of unwanted sisitanto To quard against the injurious intrusion of such

quele, Waji with 1 queeto, Matien havi invested meet of the organs, by mote of a cotenment matter in accounty of with a copied with special, and a capacity to discense which discape as wented his matter with his to the order of the administration, and to reject such as wented by distance the internal basena, and to reject such as wented distance to the contenant amount amount amount amount amount of the distance of the discount amount amount amount amount amount amount amount of the distance of the distance

But to convert the animal with the external world, and to maint it with these characterists posteties by whe he at the with these characterists perteties, show has hertained upon it and apparation, by mane of which it may hat dearmoun cation with surroundingly abjects, and feel the injurpment of pleasure and of paint and life the injurpment of pleasure (and of paint and life the thin is steer. This opposition personals to whete summissionaching toppher to with a decirity; and apprais to water with the live of which in which wents that machine

what is her here 4000 240 tus, her limited 1 of ympa egoto a and we the boar, ans through

suito all ito definition and scattered functions, into and consentaneous micro cosm _ It menta les foreign to my present purpose, to inquire, by what parts of the animal frame, this apparatus is constituted, or what is the process made of its operation. Enough has been said, by writers upon this subject, to them; that there is good reason to suppose, that the new were exeten does not alone compose this apparau tues, hur that there is still concealed from our limited wine, an important parts of the machinery of sympathy _ whatever may be the agent or agents of this mysterious influences, which porunder the very penetralia of very animated heing), it is only on the external surface of the body, and along the course of that great canal, through whose ramifications they are allowed le perpo, that foreign agents hold communications with the internal animal sconomy. - The chin,

and the 6. agent u · leu ev; which he willity a Conceling as auen is how mas to regul wrough comerce no the m mulle. from who and the nursure memberane of the new, must be been cline, and prome uses , are therefore above acceptable to agents, which do not interest by mechanisms wishness, or new new presenting to pape the ordinal of absentables.

A structher and ing all these for exections, with which having and a rature has forced in the tranmittely of the animal functions, this acceptity of transding them mith surremaining objects, has spans an annew through which, interessive important have into sure the surremaining abjects have invaded the segulation and its peace.

At six the lefter mentioned accuracy, through which improfesses are made on the eighton, the Someth hade in account of the electronic connection, affected the distribution of the meets vary enterines. Through the house made in the english the meet vary to the english the made from which the last field from which the animal decrease its enstantation.

The least de casel (16 v un he 12 ich a extreme m for ite 1

To this organ, all the most important functions of the The least disorder in the stomach throwe the whole System into an uprour. A slight blow extinguish is life in an instant. A little nauseou or acidity, inaaded the very seat of thought, and introduces diseases and impalency into the most search accepted of the apparatus of life - while it enjoys this un hounded influence, and is continually as pered to the aperation of ate those articles which compass the sustentation of the system, the stomach is unfortunately innested with an extreme materily. - Hence, when disease mander the animae frame, and inequality is observable in its functions, we aught, most commonly, to find its punctum saliene in the Stomach. X Through the mind, the senses, the skin, and membranes * Vide Dr Chapman's Therapeutias & materia medica tolt pages 51852

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may find an unnew, but it seems acasenalitatio superpase, that the atomach is meet frequently the easter of mention action. Its superior investigate, so the set of seems and action of the period of the set of the set of the place of the action of the place of the set of the place of the set of the place of the set of the place of the medical confequence of the medical confequence, it is suspecting that measurable the best from a season of the set of the production of the set of the production of the set of the s

Is whatever pact of the resistent of in purple any attacks may be described of the resident change must be full greated in a canciderate the party — This change may be confined to the organs attacked, or it may be communicated to the organs, or to the whole tylend — It has been able to a great, or to the whole tylend — It has been able thereof the party upon these entry or the the change of ordinations when the change of ordinations with the change of ordinations with the change of ordinations when mention to party beyond the immediates

the that 1 that remerful lew use Hateuer the organ

speration of the external agent, is not always like that produced in the communicating or jan; but that, although delitity, or feele action from delistity, is communicatele, the state of the organs primarily & secondarily affected may in widely different. When, by merstimulation, an organ is ex housted, the ordinary stimuli do not produces the ordinary reigaur of action: Od ut, when a fuhler action results, not from overstonulation, but from abstraction of the world stimulus, the application of that stimulus produces an unusually great action . If however there changes are sufficiently powerful to communicate changes to other organs, then we see these other organs, in both cases, less sensible to the aperation of their wonter stimuli-Whatever may be the exuse of enfected action in the organ primarily affected, and whatever may he the quantity of excitability in that organ,

to organ a the of Town the wolent, and . a cration a! the es over the gan, mu timuli the organe secondarily affected are almays in an exhausted condition, and respond hip fermily to the operation of their inclinact stemeth. In have an example of this in cases, of invalidational stemeth of the effect of food upon the stemes and is made account, while light fraduces hardly any effect upon the eyer, or enamels any effect upon the land. I have a known as title almost the specialist of the spe

When therefore this potency of the cause, or the converience of the organs, when the contribe delecting can the experience have that convertigation in march that the remaind and the delection in march the continue of contriber when a commutation of contributions, when a commutation of contributions have never been them to take places in any organization to the course by which it was abstracted either approaches; and

while the we are to a eumuli autulo li wow the muintain over who fet the Shill wer of we sa of actori duranutio wuld a my pake much pent fa

while the would stimulus of the organ is present, we are left without any good reason for admitting accumulation of initability in the heart I bloodsuffels to be the proximate cause of febriloriaction. While the agent of delitity continues to operate upon the external organ, and white that organ maintains its connexion with the system, the parts over which it has flung its charm, must still feel the influence of its spele . - In wain therefore Shall new leads for reaction in the heart Farteries. if we mait for the accumulation of excelability, to render them sousible to the ordinary stimulus of acterial belood .- Nothing but a cefeation or dimenution of the operation of the morlific cause, would allow such an accumulation; and the way phenomena of reaction show, that the com mencement of this salutary process is at a point far remained from the primary seat of disease.

at this o do symper 10 Hat. owalde i 1 a mas dimuli. be have craw of Action of the w cause ratalis timuli a Deprined this of this planeiths theory of reaction, we are left without any good amplanation of this mysteriaus proceps; and must research to the symptoms for an elucidation of its sauces?

The immediate cause of the delicity of seventies in the commencements of febrile diseases, is a mant of susceptibility to the operation of Minutes. Oraclion must therefore her produced by an increase of susceptibility, or of stimules. I too how abready them that there can be no increase of susceptibility, at least by men accumulations due are therefore constrained to lack for the cause of exaction in these means by which excitability may be increased, or the power of stimule resident agreater.

The les Ar mutrile 1 Lusesph 15, 100W I then, the 10 alsbra alex sheet whom the of My, an us en all a po laure, duri heally hed The humbeful and accurate experiments of Behali, have consideredly demonstrated this connecticate dependent of all the market important organs upon this blood, both for mutation, and almostation. Bemous this blood, both this expectation, and almost supported this separate the plaint, to the superior of the state of the superior of the superior of the state of the superior of metabolity, the whole of the superior of the superio

expenses. Having this importance of activist like in the aparations of surreptivities, and several the structure of surreptivities of the surreptivities of functions through the capital surreptivities of functions in surreptivities of function in the surreptivities of function in the surreptivities of surreptivities of surreptivities of the surreptiv

A the bits the quantity geall, and o The distantes 4 Mueliow Lat this of cato, li muld be natural for mit the of the blen po pion up perdent up best whether of the was in belo it, As the bloom has atmost intuity left the minute infects, the quantity contained in the grant ance is uncertainty profit and must be access as consistent to describe the minute infection of the profit man of the city.

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The describes in not the sale cause, is underty from the fattering consistentions.

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of the bland in the large refeate, may made to consider from the preparate upon the surption which are surrounded they depend on the surrounded the best water, I begin always their whollow it can force their black they become that they have become the surrounded to the surrounded the surrounded to the surrounded to the surrounded the

to anex come it. - 4%. The gradual accumulation

Budly to stion of a 2 the gas 4 martin a haust 2 duing the dimenishou or merea to take 1 doache who receives which has By courique n 2 de, dure in the capethries of independent actions is a point bacaty to he concection. It is the execution of white relies of these capethries, which causes the distintion of these capethries, and they caused increase this distintion that agreement encourse this testinition, beyond their paners of resistance or madient

We are at length constrained to lead for the cause of curcious, and we are any agent specialing apon the accepting a charles by making a thing of the late the constraint of the acceptance of the acceptance by which it was a commentation of which the many or more about the same primary by which is a some or more and for a cation of acceptance in importance of lake the places of that wheele has been about the acceptance by the through the acceptance of the contract of the same of acceptance in the same about the same of acceptance of the same of the same

Seartien is the cause of the change of arterial with rename thank, and receive is a capitlary action, which has sufficient diministion in the general lessen of consignment, that change much he lefe completely made, during the test stage of ferrer, and the blood

⁸ in Bichat's researches & John Hunter Buther blood.

1 set flow a edition . * princalle awart the sid gas. is now la Amugle 1 hanation; Acutory 1 Lecending Ain. Fa of a high le to in is Acres, sel A list fle

must flow from the arteries into the neine in an arterial toudition. x he this condition, it arrives in the lunge, and, separated from the atmospheria agency by a very think promeaties membrane, is diverter of as much carbon as to towners the inhale of the inhales saygen into carbonic and gas. The halance of searction, and de carbonation is new last. The whole circulating map must pap through the lunge, I be exposed to the process of decar bonation; while hut a small portion of it can reach the decretory organs, which are , at the same line, so infulled as to atten but little men that small part . Lock ducereding revolution presents to the lunger a less nennus Muid. Back succeeding renolection finds it in popularion of a higher degree of that peculiar quality by which the parte in contact with it appear to imbues with excitability to all length, nearly the whole maps of blood, both in the arteries and seine, is highly arterial; and parto, seldem subjected to the undiluted agency of this polist fluid, are gorged with an unusual quantity.

^{*} bid Anuter on the Blood; Pracford edition, got 1th page bet -

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The heart, the activities, the wines, the organic of so cutions, and name accupied by bloods propering, in an uninent degree , the power of developing , if unt of ever aling, excelability - Again by degrees the susception hility to the influence of habitual stimuli naturnes, and is after increased to a morbid degree . with this susaptilistity returns of exurse the pamen of action; and the functions of the animal machine are performed with even more than common exclusivy The heart heats more regorously; caldness depunts, heats succeeds; the colour of the skin returne, I her. comes unusually greats . - After a time as mais ture appears upon the forelead, accumulates into a sureal, and gradually extends itself over the whole leady, exhibiting wideness, that the secretory nations of the system have been By this restoration, and increase of secretory action, the natural proportion between

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Il the Luc decarbonation and sensition is nectored, and this blood in this sums presented a sensition appearament protection of its ten patent specific.

This is the course of an Internition Personem. The subsidence of action again presents a field for the apreaction of the morbitis again, which again produces the same round of symptome.

But the reaction may live so great as to transcend the secretary process, and there present the association of an expeditionium beducin decorbenation and secretion. It such cases, a simply

The same effect is produced, when the passers of the santing carries is so quarte as he had the extrasts of executation in subjections except of the stimulating sanguinases influence.

I such cases however, the powers of life

met wan. de muitane peres el aust nous hu denom ou v axo el ap acent 6 bp influen to ineque the gale he excilete o Masuro, much some hearner diminished, and after hinte affer the secretained to the increased med of this modelies permise. A delititly of a most dauguases hinds much now served. This heard of fucer law him denominates, Syracher by It heatens.

Even from their very communicament, some for are and characterisis by uncerent prastration, and apparent debetty of the pamere of life. In each case, the merbeter emperhies seems to triumph over the reaction energy, and to appear a resisttip, influence baths efforts of resteration.

An inequilar and feelite a altow indecates the truggle between strougle and impression, and exhibite deflorable existence of the constance of

Typhoid Fever:

From the whole lever of my acasening, it appears, that was dien is, at least in a great masure, the effects of a mant of dew proper

dicharges

In believe h. any ele

a' the up Bunlenge Wid that word ha

a along 1 mechine, wo to the

and Shew danger. in thed us call skin

Vandyeis 5

box between the secretary and pulmenany action tow and maturally less the senducion, that if they any chance, the exceptions should send the serial and sender a major a month in influence, unbiano their action, man reaction, and sending action, and conditions and the capacital more any passers from earliers of descens. A coordingly was find, that some of the mast fatal main action on record have been accompanied by automasses discharges. -x

Strange as it may appear, even the ciaculatory explus may excape the effects of a pane
which is destroying the welatity of the cest of the
machine, and publicle the patient in fact appears
as to the bornenation of here career, his person
as their may affer a use untimation of her
danger. Authors of experience have therefore
mains as to he was a of a natural pulse, y
cas thin, under such circumstances.
"Trayer's the apertation." 1. 10 Brajo Ruch.

yent of Her a co rollific may be la prima I deed , the which ou lo hav they Our can easily see the properiety of this value of for no agent of senetion except the blood is known, and, as its has seet sendingons any change, its cannot offer a countraction influence to the effects of the markety of its interest.

he fewer, the nature and phenomenes of fewer may be unfaility dementing a occarating to the properties believe the importance, a sense of the primary tent; the importance, a sense constant of the primary tent; the members of fewer bed impreferent, and the condition of the surrounding absorphism, and the stocat in fails and so single case of fewer, and the stocat infails ancisty described by authors, which may not be reasily accounted for, according to the foregoing there;

at the other theories are defeation in this, that they seem to consider the secretary organic se declared to the action of the heart & actions.

duciples mander f nade to cimple me no single

getow, the a mould chereas.

2's fear , dulen in led to the

ano, for a excitati

They continually revert to chemical & mechanical principles for the illustration of cital action, and supposed, that a set of sufsels performing a wonder ful variety of hoing aperations, can be made to produce the same effects, by becoming simple mechanical tules, and submitting to and single mechanical panew. All of them on in one remarkable paint, that, while they admit the diminution of susceptibility over the whater System, they only propose such agents of reaction as inveled low to a stile greater diminution; whereas it is evident enough, in most cases of fever, that the susceptibility af the whole System is increased . - here are therefore for celety led to the con clusion that the agent of reaction is and, productive of an increase of the power of excitability; and we hope we have shown

vatis/acto al prin talistoclerity, that this changes produced upon this blood during the stage of debility, and sufficient to cause all this phonomina of washow, and to captain them upon pathological principless, independently of the laws of suchairs (and of themistry

Le Finis de